



Appl. No. 09/553,969
Amdt. dated June 10, 2004
Preliminary Amendment

PATENT

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Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) An extrudable fragmented biocompatible resorbable hydrogel which is substantially free from ~~an~~ a free aqueous phase, said hydrogel being present in an applicator having an extrusion orifice, wherein the hydrogel has been fragmented by mechanical disruption.

Claims 2 - 18 (canceled)

19. (Previously presented) The hydrogel of claim 1, having a subunit size when fully hydrated in the range from 0.01 mm to 5 mm.

20. (Previously presented) The hydrogel of claim 1, having an equilibrium swell from 400% to 5000%.

21. (Previously presented) The hydrogel of claim 1, having an in vivo degradation time of less than one year.

22. (Previously presented) The hydrogel of claim 1, having at least one characteristic selected from the group consisting of (a) a subunit size when fully hydrated in the range from 0.01 mm to 5 mm, (b) an equilibrium swell from 400% to 5000%, and (c) an in vivo degradation time of less than one year.

23. (Previously presented) The hydrogel of claim 22, having at least two of the three characteristics.

24. (Previously presented) The hydrogel of claim 22, having all three characteristics.

25. (Previously presented) The hydrogel of claim 22, said hydrogel being at least partially hydrated with an aqueous medium comprising an active agent.

26. (Previously presented) The hydrogel of claim 25, wherein the active agent is a clotting agent.

27. (Previously presented) The hydrogel of claim 26, wherein the clotting agent is thrombin.

28. (Previously presented) The hydrogel of claim 27, wherein the hydrogel comprises a protein.

29. (Previously presented) The hydrogel of claim 28, wherein the protein comprises gelatin.

30. (Previously presented) The hydrogel of claim 27, wherein the hydrogel comprises a polysaccharide.

31. (Previously presented) The hydrogel of claim 27, wherein the hydrogel comprises a non-biological polymer.

32. (Previously presented) The hydrogel of claim 27, wherein the hydrogel comprises two of the following components a) a protein, b) a polysaccharide, and c) a non-biological polymer.

33. (Previously presented) The hydrogel of claim 27, wherein the hydrogel comprises a) a protein, b) a polysaccharide and c) a non-biological polymer.

34. (New) An extrudable fragmented biocompatible resorbable hydrogel which is substantially free from a free aqueous phase, said hydrogel being present in an applicator having an extrusion orifice, wherein the hydrogel has been fragmented by mechanical disruption and comprises gelatin.

35. (New) An extrudable fragmented biocompatible resorbable hydrogel which is substantially free from a free aqueous phase, said hydrogel being present in an applicator having an extrusion orifice, wherein the hydrogel has been fragmented by mechanical disruption and comprises a polysaccharide.

36. (New) An extrudable fragmented biocompatible resorbable hydrogel which is substantially free from a free aqueous phase, said hydrogel being present in an applicator having an extrusion orifice, wherein the hydrogel has been fragmented by mechanical disruption and comprises a non-biological polymer.